

ABSTRACT

COMPOSITIONS FOR NOVEL HIGH TEMPERATURE PIPELINE COATINGS

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The invention concerns a composition suitable for use as coating for a high temperature oil pipe, comprising at least one thermoplastic polymer selected from the group consisting of polyphenylenes ether or polysulphones, alone or mixed, at least one epoxy resin modified by at least one aromatic polyamine, said resin being

10 formed from at least one polyepoxide containing in its molecule at least two epoxy groups and the aromatic polyamine containing in its molecule at least two primary amino groups, the polyamine, epoxide molar ratio being such that, to each amine group, there corresponds to 1.6 to 2.6 epoxy groups, and at least one filler preferably mineral having an anisometric morphology, preferably selected among the group

15 consisting of silicates such as kaolin, and micaceous iron oxides.